

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010418\
 Data File : BF101906.D
 Acq On : 4 Jan 2018 22:09
 Operator : SJ/JU
 Sample : J1033-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-1(10)

Manual Integrations
 APPROVED

Sohil
 1/5/2018 10:29:47 AM

Quant Time: Jan 05 02:24:20 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 04 14:22:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	159868	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	614569	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	228998	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	330766	20.00	ng	0.00
75) Chrysene-d12	13.96	240	280311	20.00	ng	0.00
86) Perylene-d12	15.43	264	200159	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1140701	106.29	ng	0.00
7) Phenol-d6	6.42	99	1359851	101.81	ng	0.00
23) Nitrobenzene-d5	7.35	82	854780	77.42	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	161187	73.05	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	936654	63.45	ng	0.00
78) Terphenyl-d14	12.88	244	700935	60.28	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.53	163	121549	6.599	ng	98
70) Phenanthrene	11.33	178	167826	9.124	ng	98
74) Fluoranthene	12.52	202	238037	12.329	ng	98
77) Pyrene	12.75	202	211024	10.031	ng	99
80) Benzo(a)anthracene	13.94	228	116455	6.292	ng	96
82) Chrysene	13.98	228	112754	6.452	ng	97
83) Bis(2-ethylhexyl)phthalate	13.89	149	36664	3.041	ng	# 99
85) Indeno(1,2,3-cd)pyrene	16.93	276	34535	2.219	ng	95
87) Benzo(b)fluoranthene	15.00	252	108997m	8.934	ng	
88) Benzo(k)fluoranthene	15.03	252	34207m	2.884	ng	
89) Benzo(a)pyrene	15.37	252	67332	5.987	ng	97
91) Benzo(a,h,i)perylene	17.38	276	34008	3.557	ng	# 91

(#) = qualifier out of range (m) = manual integration (+) = signals summed

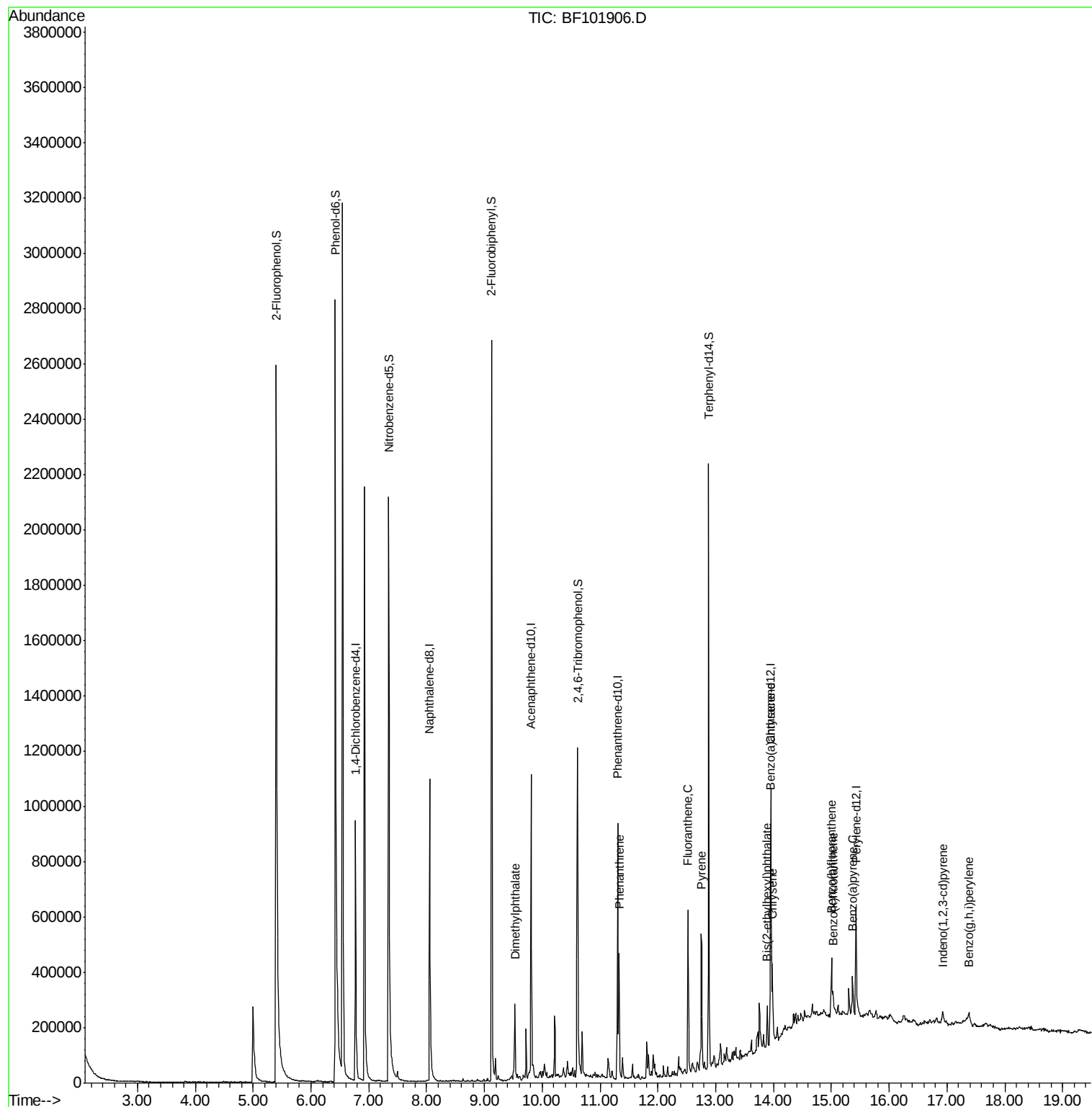
Data Path : Z:\HPCHEM1\BNA F\DATA\BF010418\
Data File : BF101906.D
Acq On : 4 Jan 2018 22:09
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Sample : J1033-02
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ALS Vial : 22 Sample Multiplier: 1

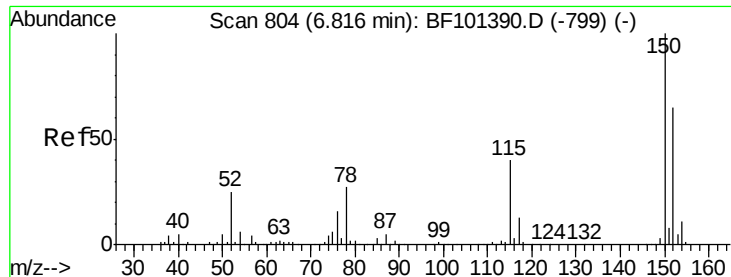
Instrument :
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B-1(10)

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#1

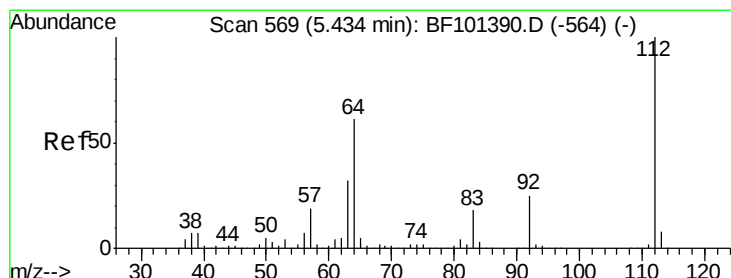
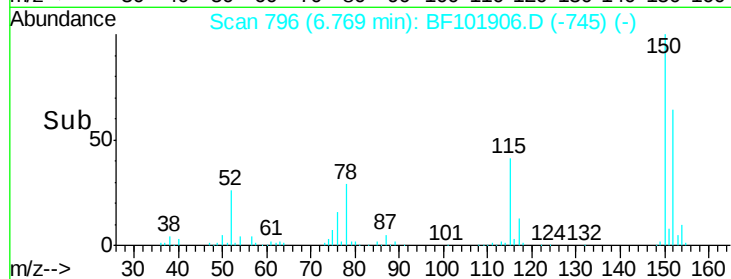
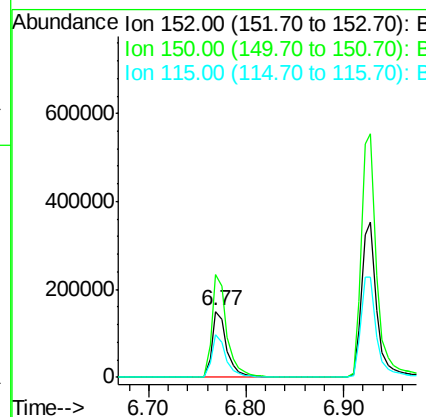
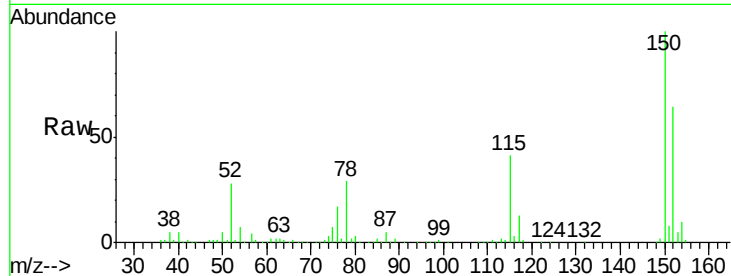
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF101906.D
Acq: 4 Jan 2018 22:09

Instrument :
BNA_F
ClientSampled :
B-1(10)

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.6	186.8
115	64.3	50.1	75.1

Manual Integrations
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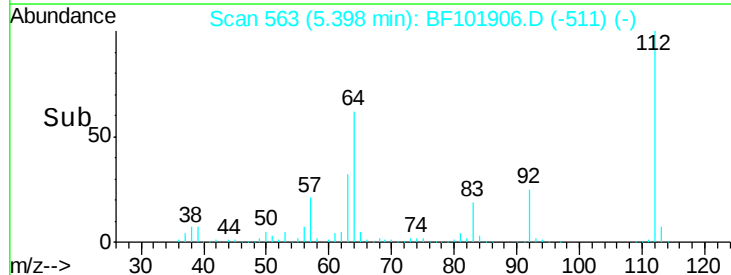
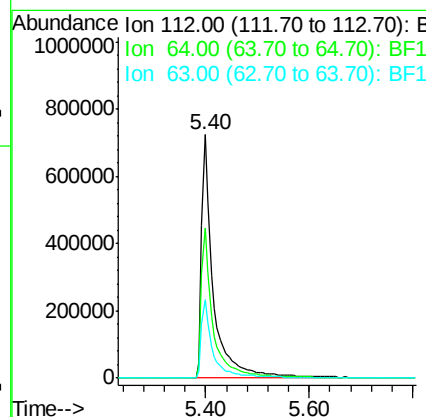
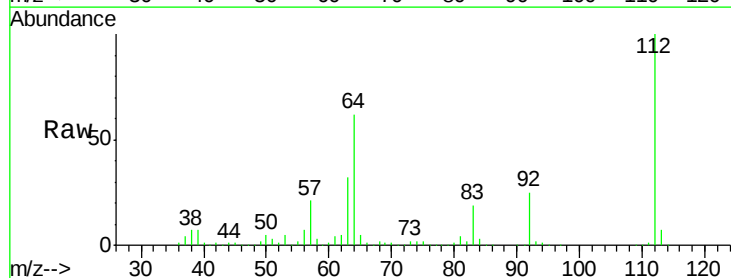
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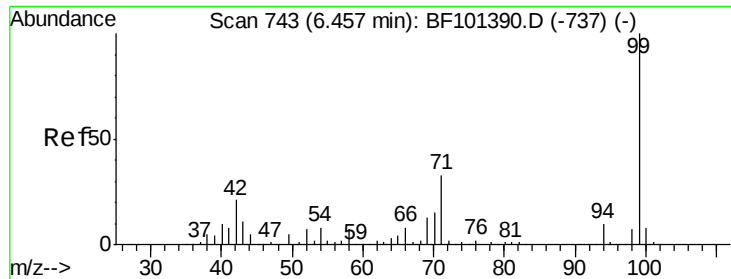


#5

2-Fluorophenol
Concen: 106.285 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.01 min
Lab File: BF101906.D
Acq: 4 Jan 2018 22:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.7	47.9	71.9
63	32.2	23.7	35.5





#7

Phenol-d6

Concen: 101.809 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF101906.D

Acq: 4 Jan 2018 22:09

Instrument :

BNA_F

ClientSampleId :

B-1(10)

Tot Ion: 99 Resp: 1359851

Ion Ratio Lower Upper

99 100

42 21.6 14.5 21.7

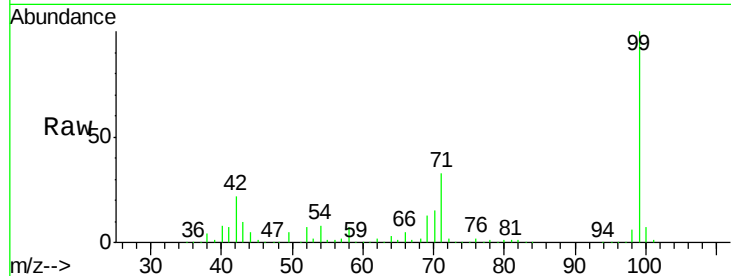
71 33.2 25.4 38.0

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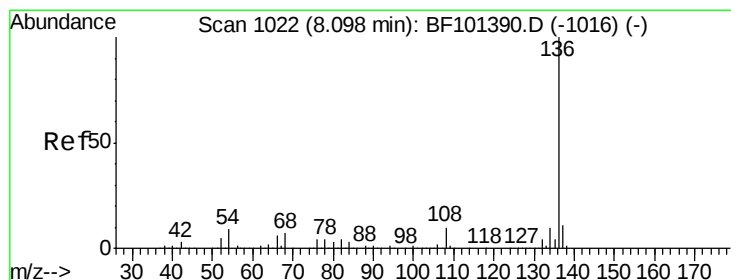
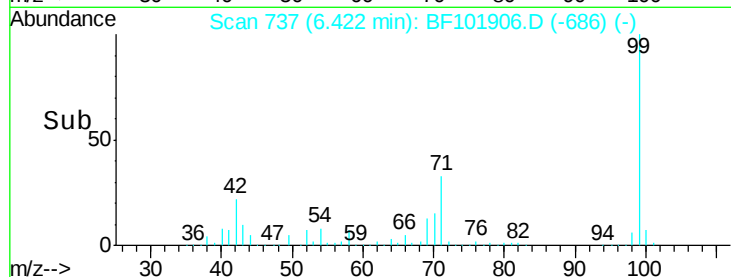
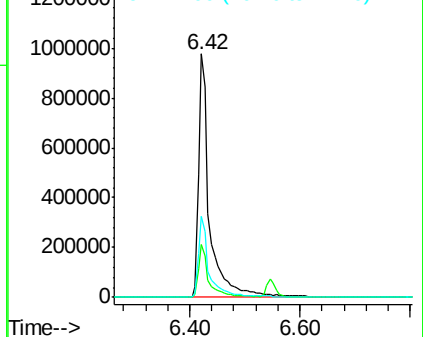
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.00 min

Lab File: BF101906.D

Acq: 4 Jan 2018 22:09

Tgt Ion: 136 Resp: 614569

Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 9.5 6.6 9.8

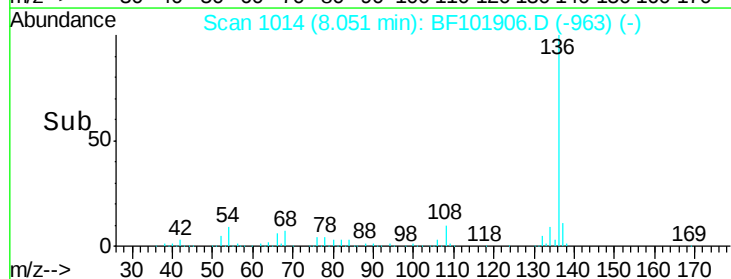
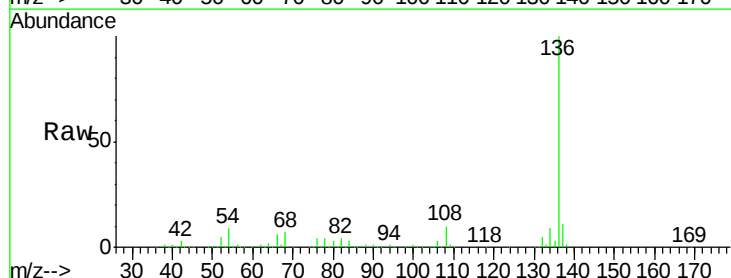
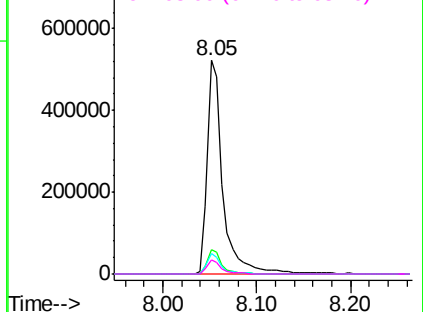
68 6.9 5.0 7.4

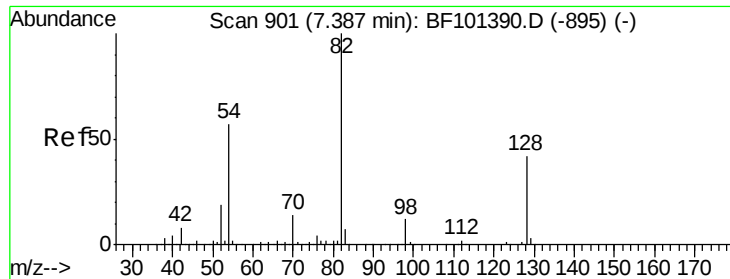
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





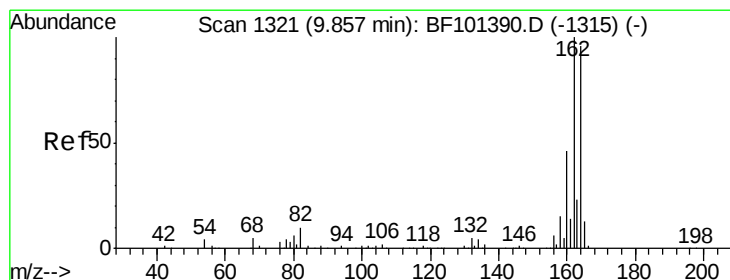
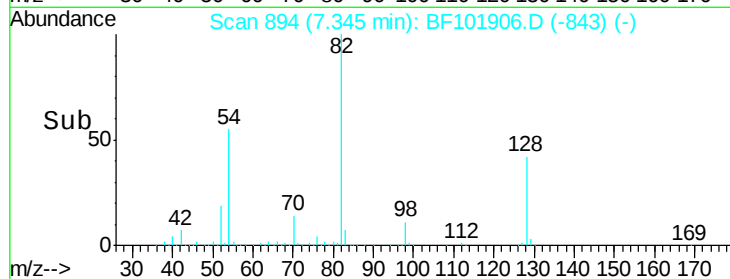
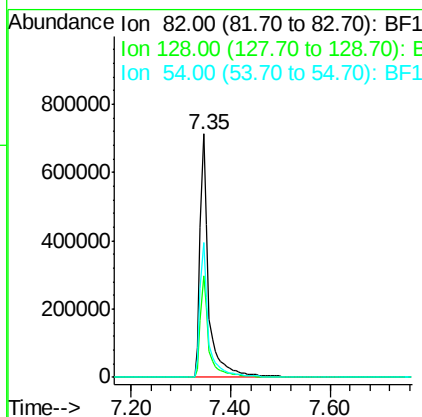
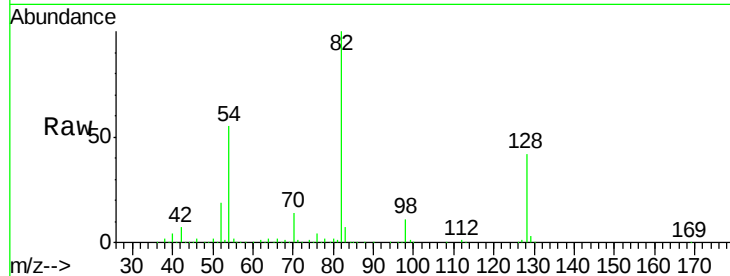
#23
Nitrobenzene-d5
Concen: 77.423 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.00 min
Lab File: BF101906.D
Acq: 4 Jan 2018 22:09

Instrument :
BNA_F
ClientSampled :
B-1(10)

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.7	36.1	54.1
54	55.2	41.4	62.2

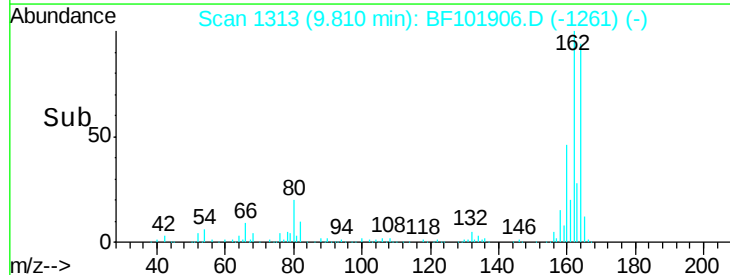
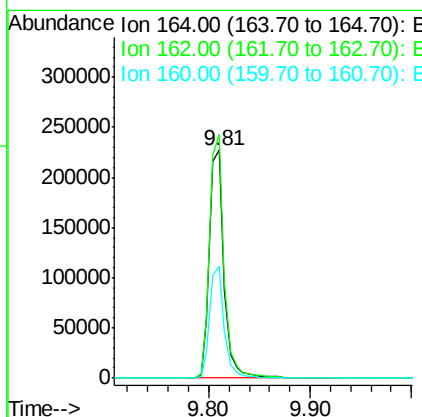
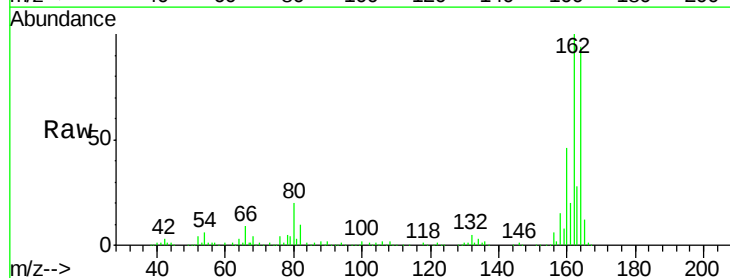
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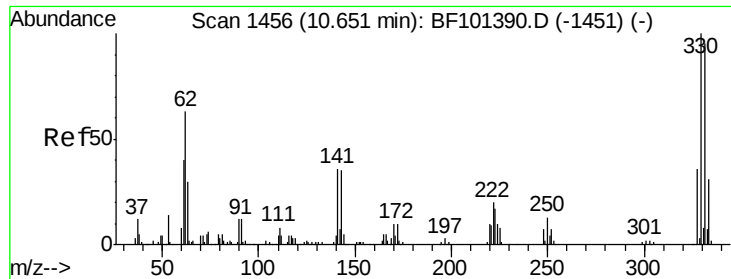
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF101906.D
Acq: 4 Jan 2018 22:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.7	86.1	129.1
160	49.1	38.3	57.5





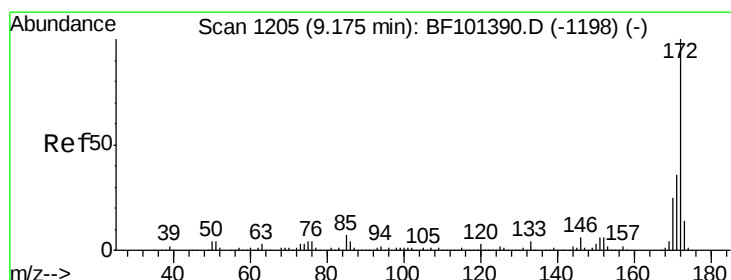
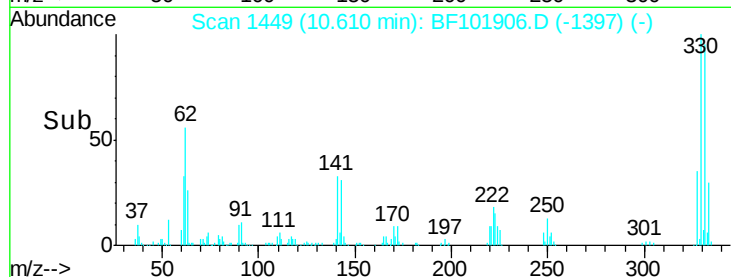
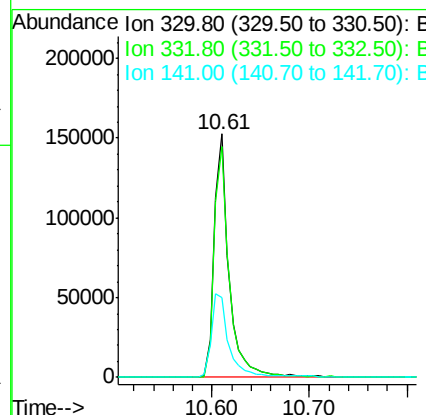
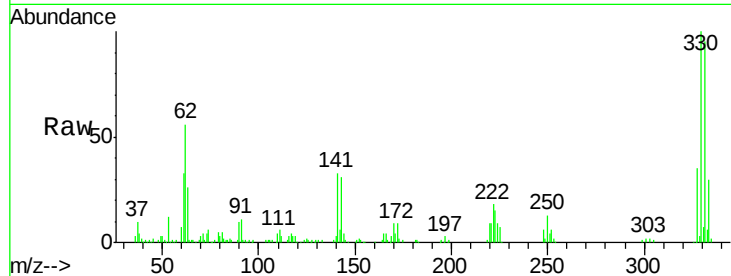
#41
 2,4,6-Tribromophenol
 Concen: 73.049 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. 0.01 min
 Lab File: BF101906.D
 Acq: 4 Jan 2018 22:09

Instrument :
 BNA_F
 ClientSampled :
 B-1(10)

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	39.6	29.9	44.9

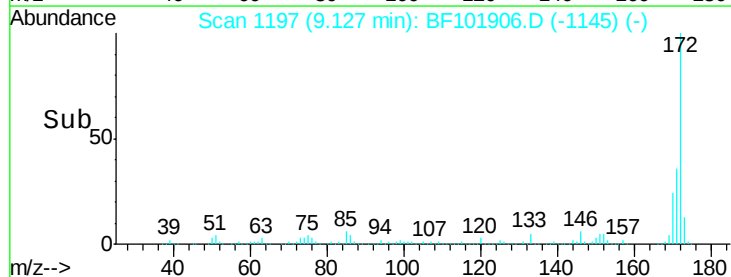
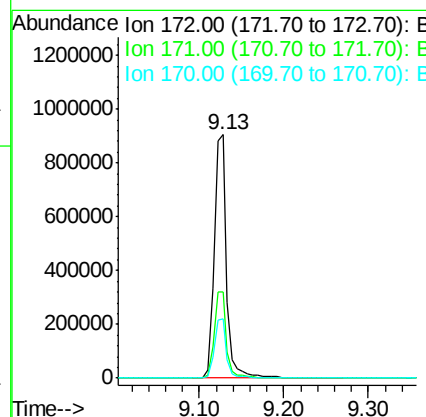
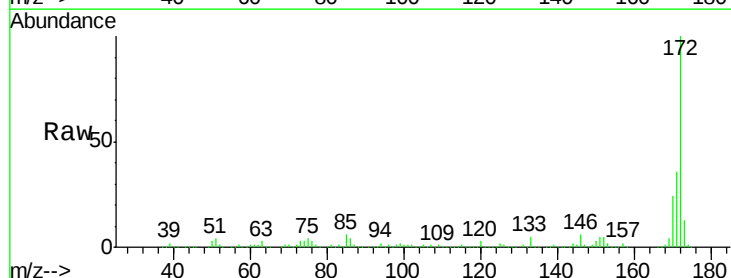
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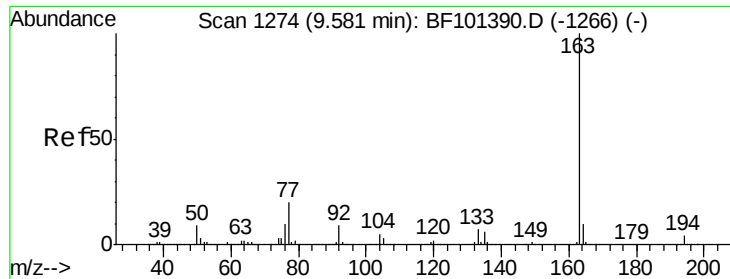
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#44
 2-Fluorobiphenyl
 Concen: 63.449 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.01 min
 Lab File: BF101906.D
 Acq: 4 Jan 2018 22:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	24.4	19.6	29.4





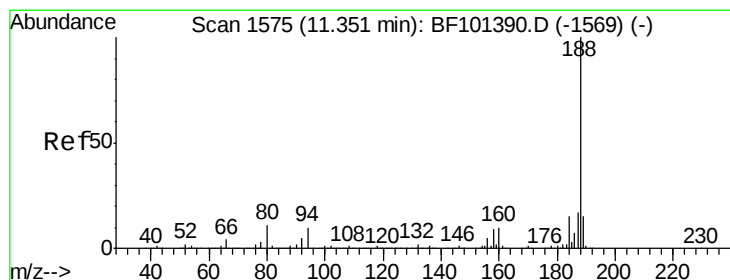
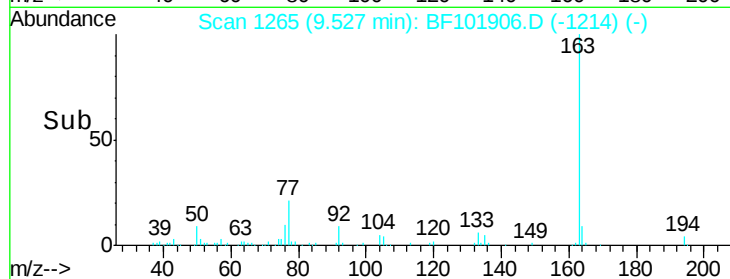
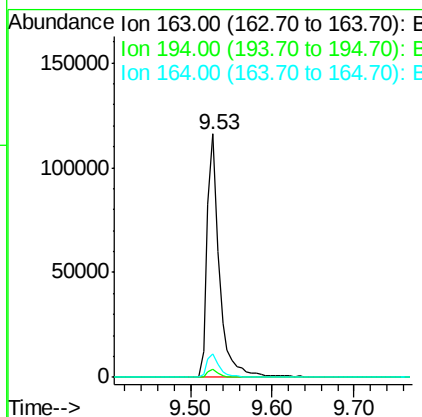
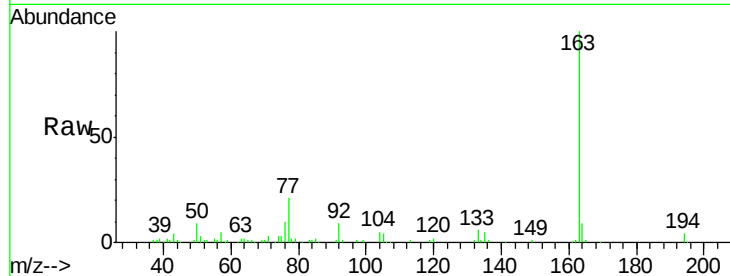
#49
Dimethylphthalate
Concen: 6.599 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BF101906.D
Acq: 4 Jan 2018 22:09

Instrument :
BNA_F
ClientSampleId :
B-1(10)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		121549		
194	3.5		2.7	4.1	
164	9.5		8.2	12.2	

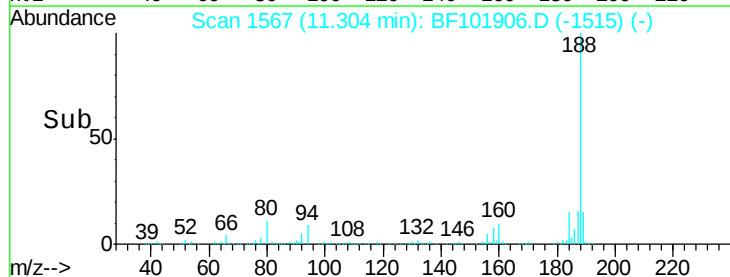
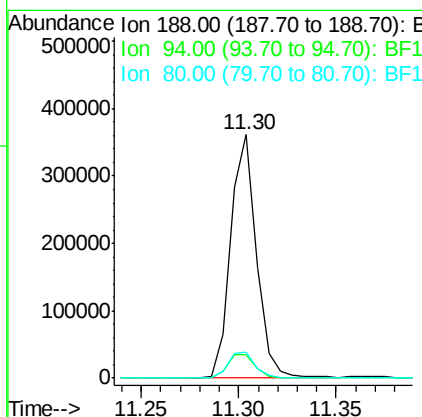
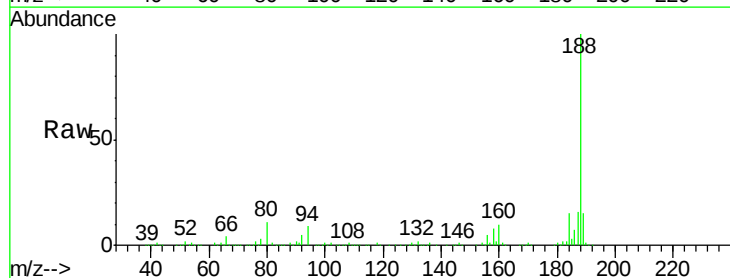
Manual Integrations
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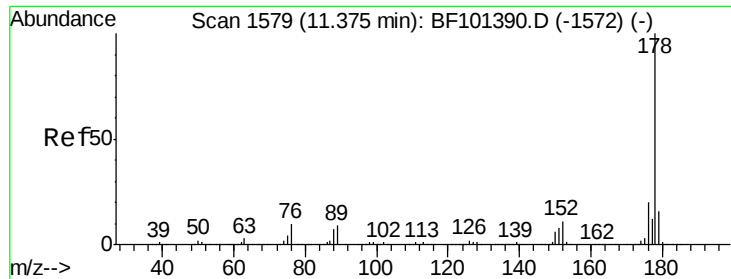
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. 0.01 min
Lab File: BF101906.D
Acq: 4 Jan 2018 22:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		330766		
94	9.5		8.5	12.7	
80	10.8		9.2	13.8	





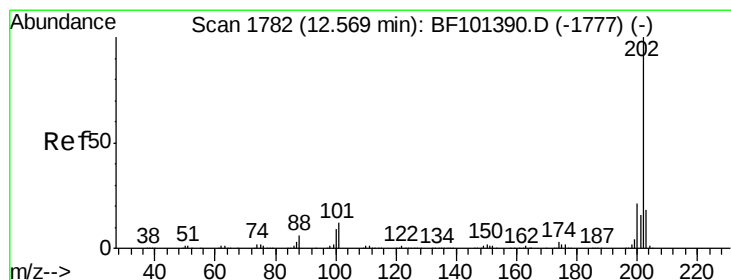
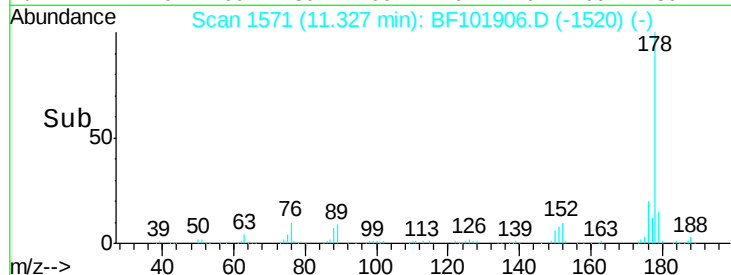
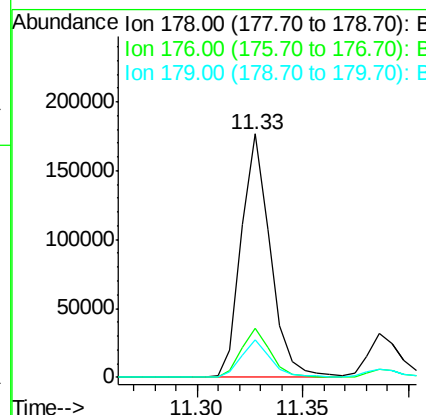
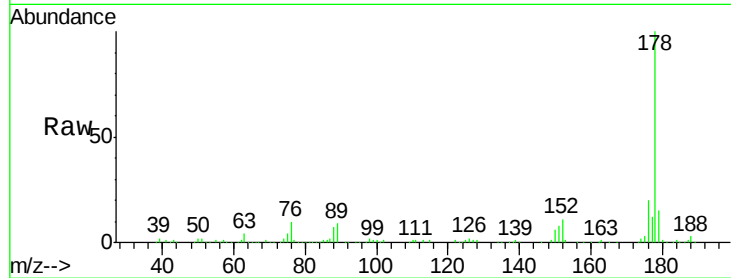
#70
Phenanthrene
Concen: 9.124 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BF101906.D
Acq: 4 Jan 2018 22:09

Instrument :
BNA_F
ClientSampleId :
B-1(10)

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.8	23.8
179	15.4	13.0	19.6

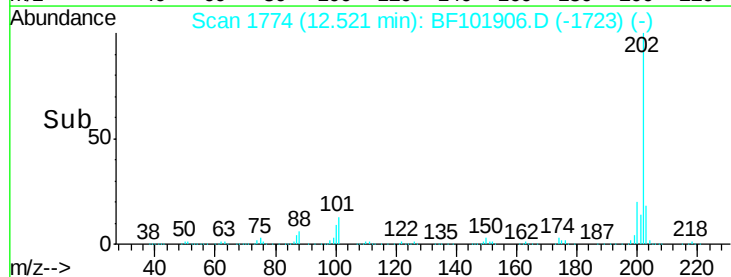
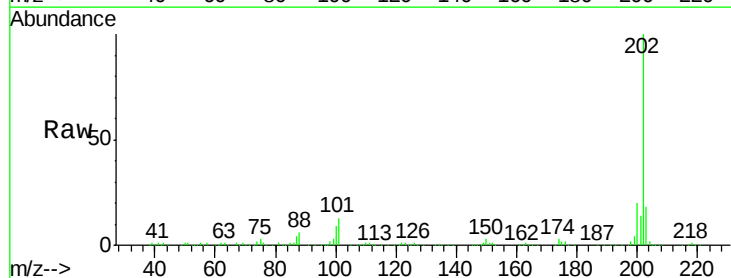
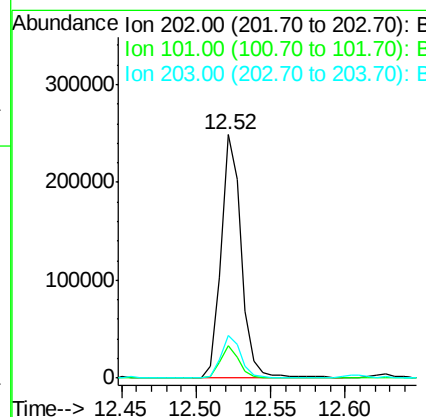
Manual Integrations
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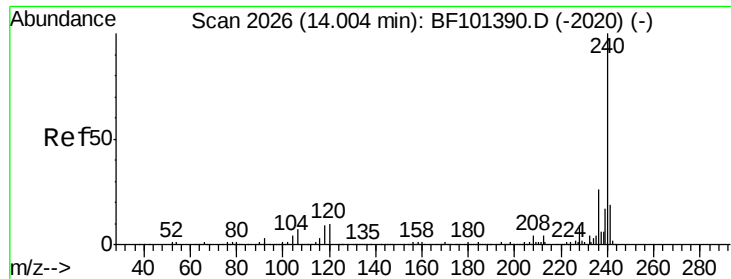
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#74
Fluoranthene
Concen: 12.329 ng
RT: 12.52 min Scan# 1774
Delta R.T. -0.00 min
Lab File: BF101906.D
Acq: 4 Jan 2018 22:09

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	34.1
203	17.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BF101906.D

Acq: 4 Jan 2018 22:09

Instrument :

BNA_F

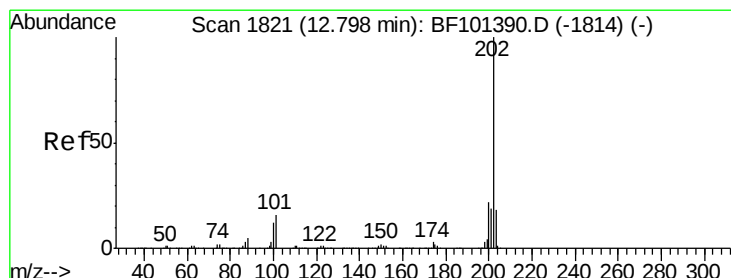
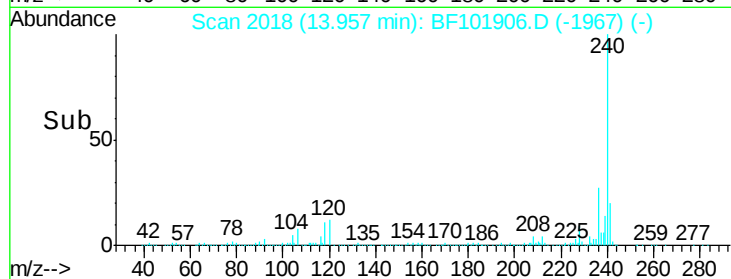
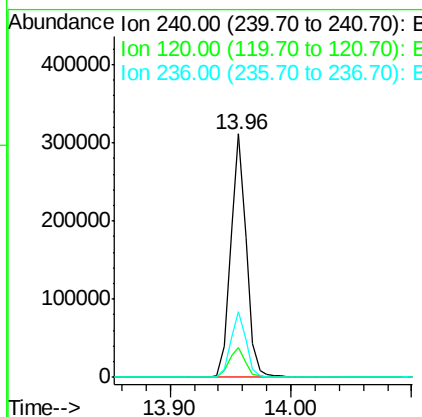
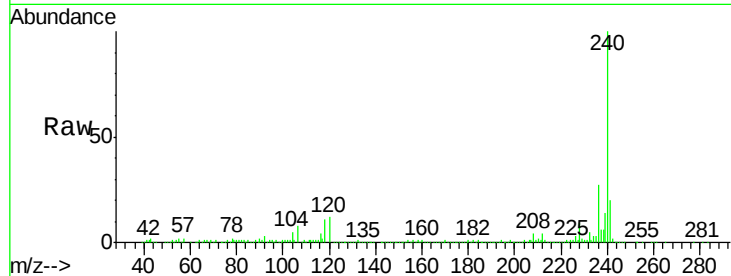
ClientSampled :

B-1(10)

Tot Ion:	240	Resp:	280311
Ion Ratio	Lower	Upper	
240	100		
120	12.3	9.5	14.3
236	26.9	20.7	31.1

Manual Integrations
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#77

Pyrene

Concen: 10.031 ng

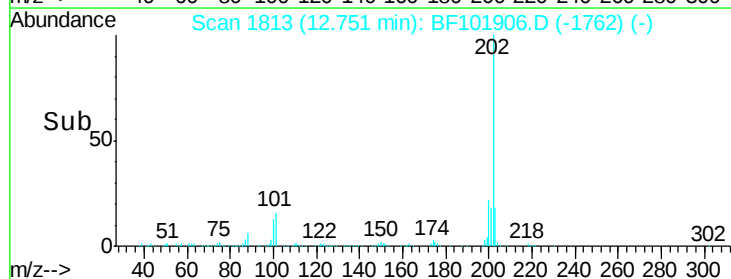
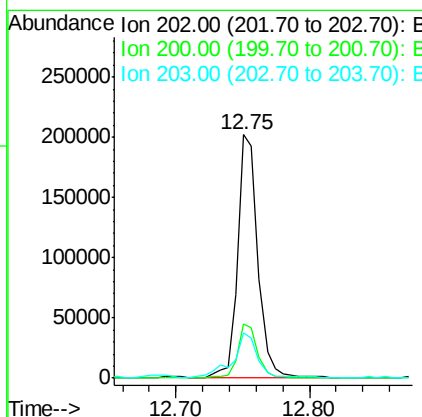
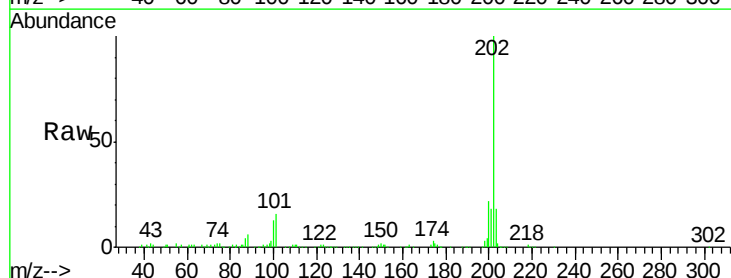
RT: 12.75 min Scan# 1813

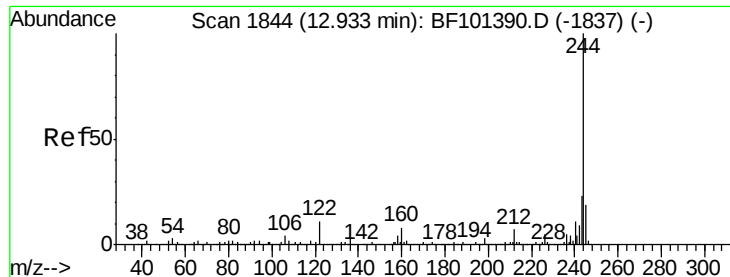
Delta R.T. -0.00 min

Lab File: BF101906.D

Acq: 4 Jan 2018 22:09

Tgt Ion:	202	Resp:	211024
Ion Ratio	Lower	Upper	
202	100		
200	22.3	17.4	26.2
203	18.4	14.3	21.5





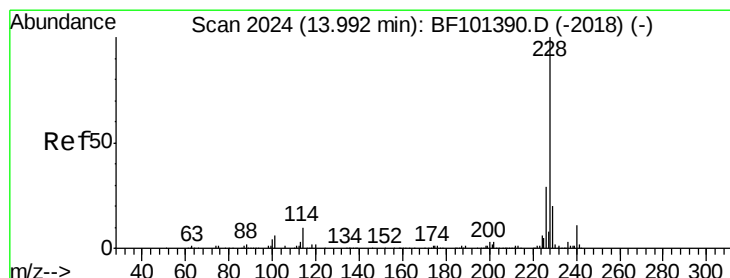
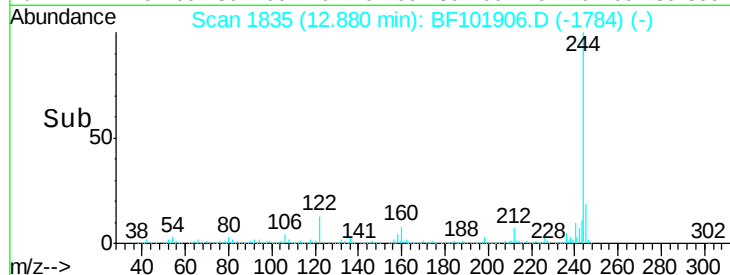
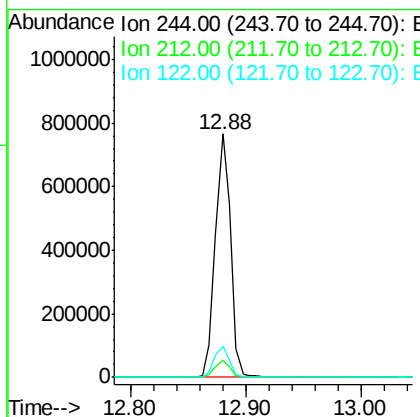
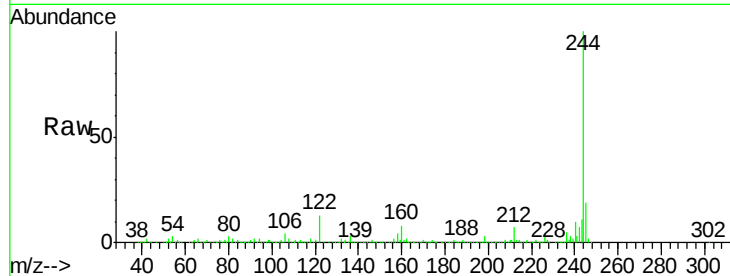
#78
 Terphenyl-d14
 Concen: 60.283 ng
 RT: 12.88 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: BF101906.D
 Acq: 4 Jan 2018 22:09

Instrument :
 BNA_F
 ClientSampled :
 B-1(10)

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	12.8	11.0	16.4

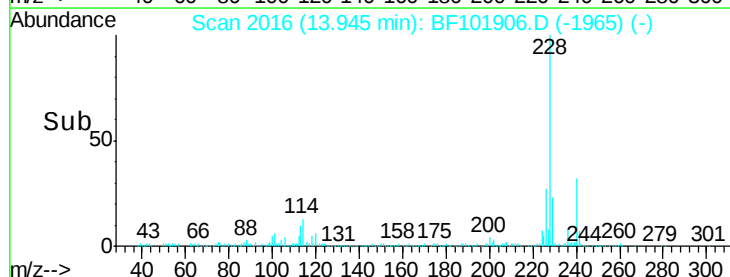
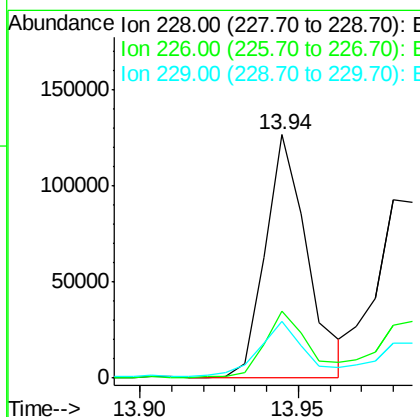
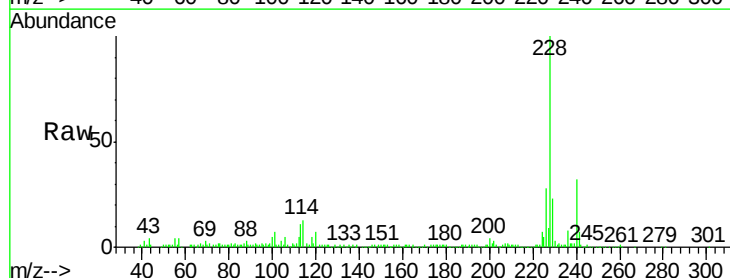
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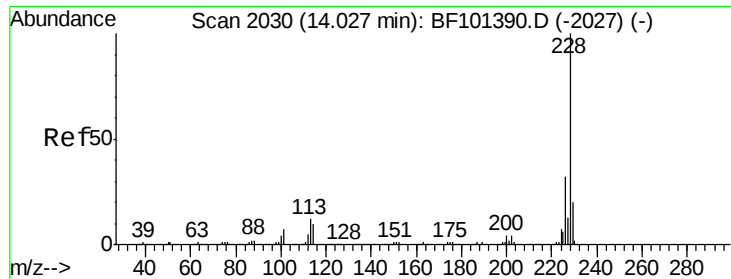
Sohil
 1/5/2018 10:29:47 AM



#80
 Benzo(a)anthracene
 Concen: 6.292 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: BF101906.D
 Acq: 4 Jan 2018 22:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	23.4	15.8	23.6





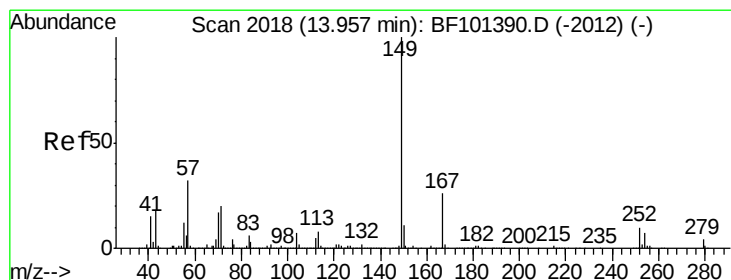
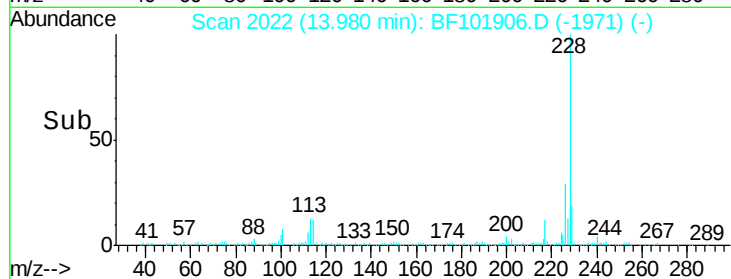
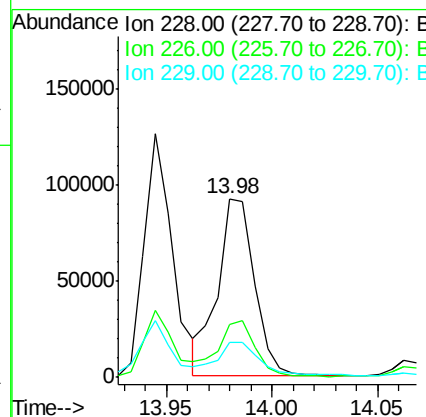
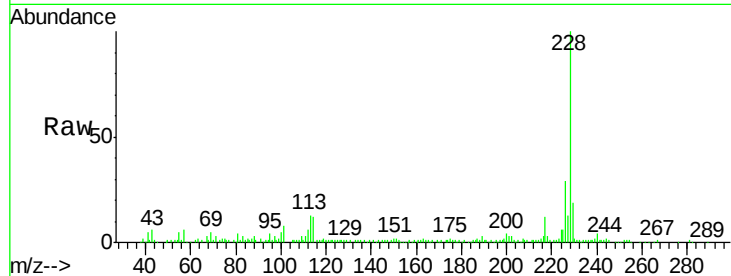
#82
 Chrysene
 Concen: 6.452 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.00 min
 Lab File: BF101906.D
 Acq: 4 Jan 2018 22:09

Instrument :
 BNA_F
 ClientSampleId :
 B-1(10)

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.3	25.0	37.6
229	19.4	16.2	24.4

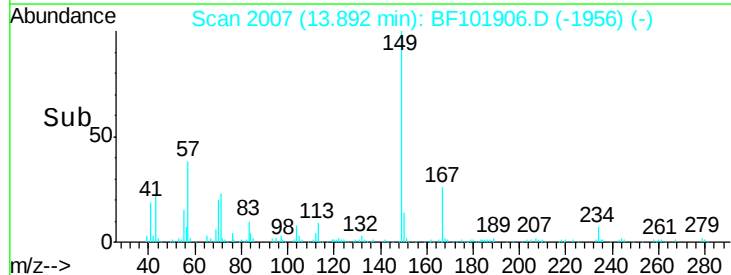
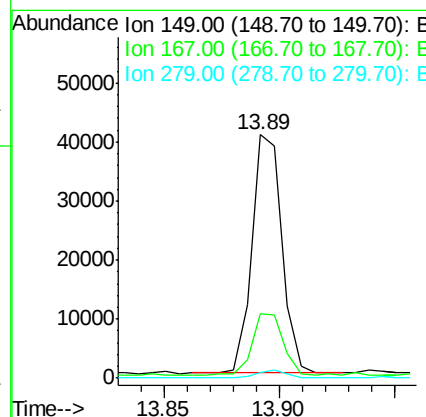
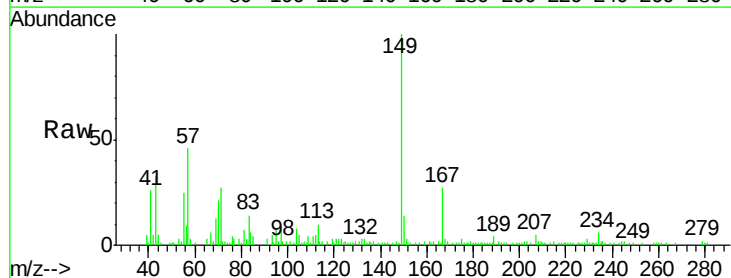
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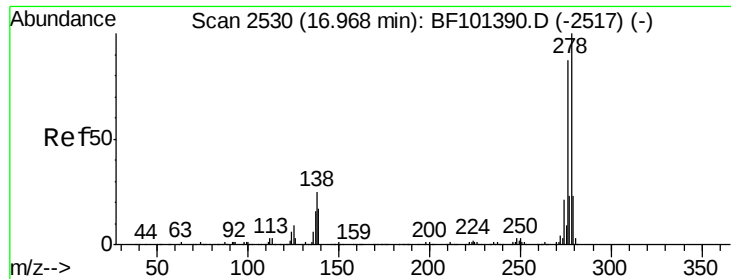
Sohil
 1/5/2018 10:29:47 AM



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.041 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. 0.00 min
 Lab File: BF101906.D
 Acq: 4 Jan 2018 22:09

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.3	31.9
279	2.3	3.0	4.4#





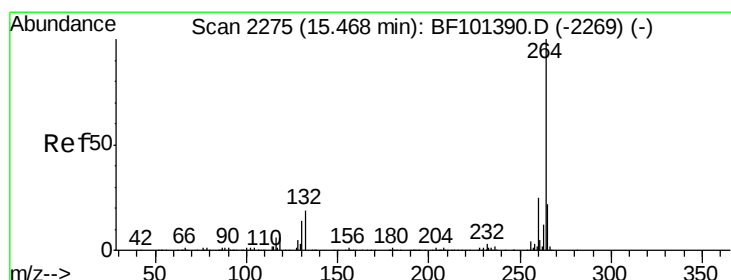
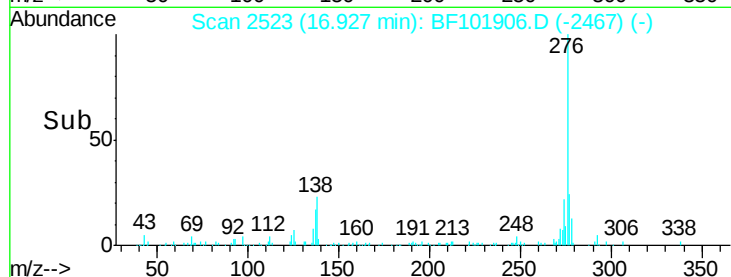
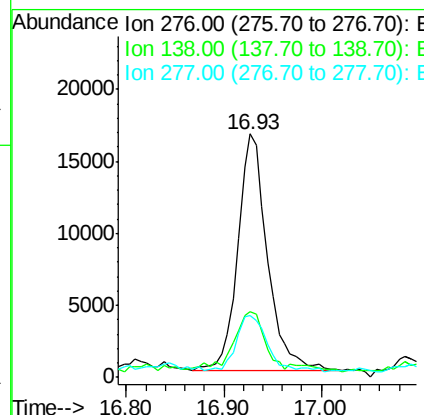
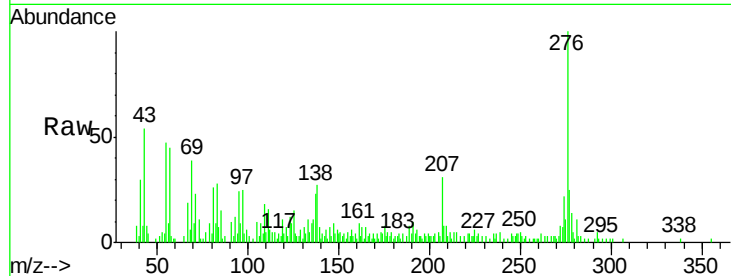
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.219 ng
 RT: 16.93 min Scan# 2523
 Delta R.T. 0.03 min
 Lab File: BF101906.D
 Acq: 4 Jan 2018 22:09

Instrument :
 BNA_F
 ClientSampleId :
 B-1(10)

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.4	25.0	37.6
277	23.4	20.1	30.1

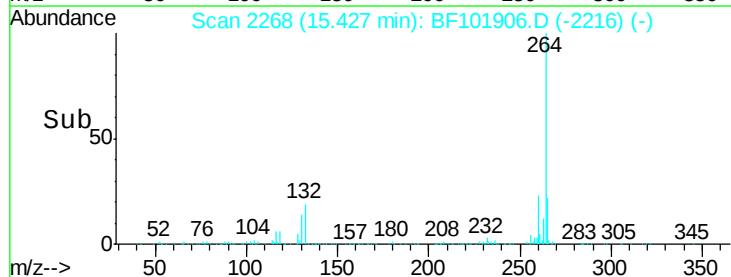
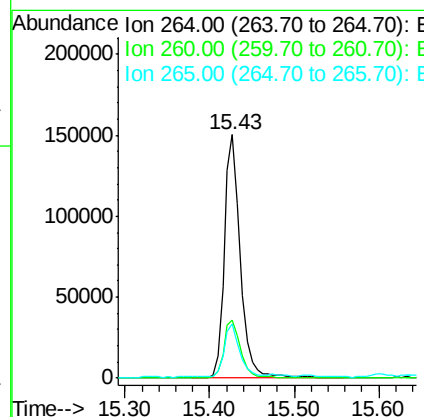
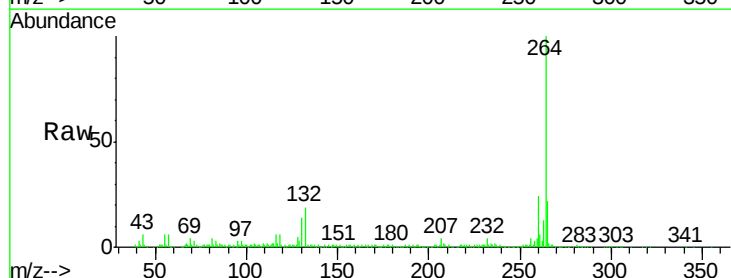
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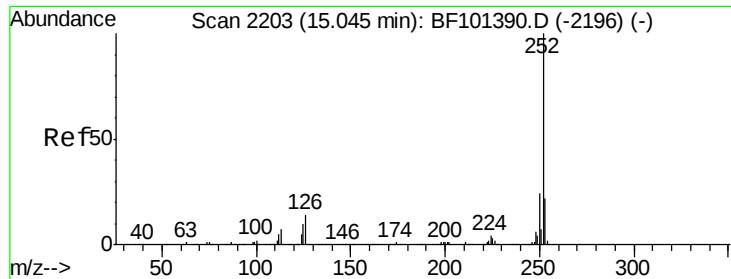
Sohil
 1/5/2018 10:29:47 AM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2268
 Delta R.T. 0.01 min
 Lab File: BF101906.D
 Acq: 4 Jan 2018 22:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.1	17.5	26.3





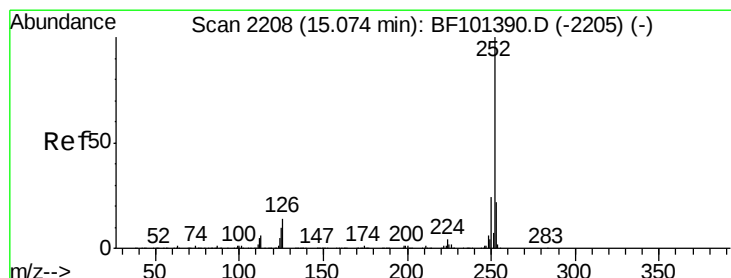
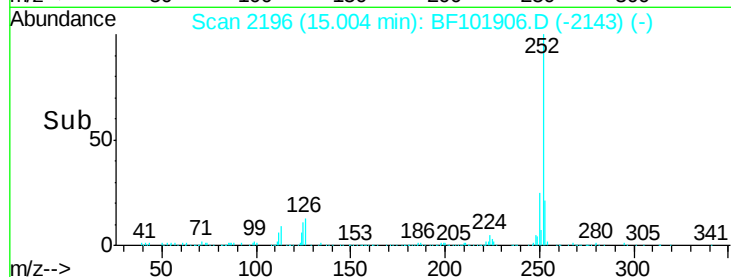
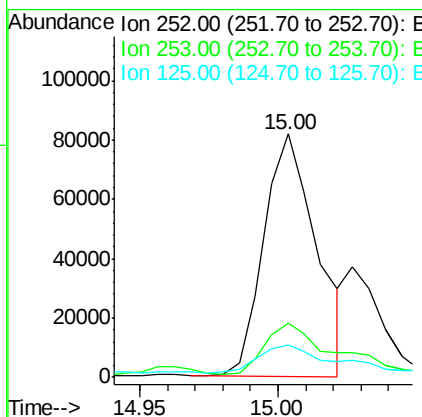
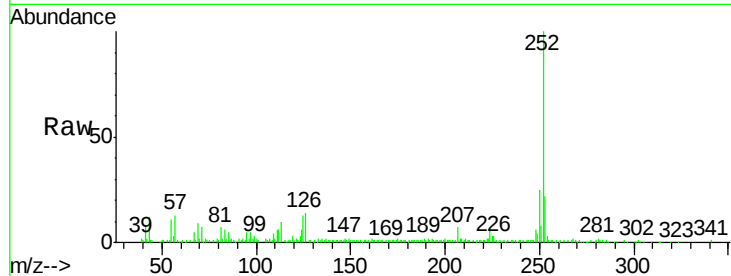
#87
Benzo(b)fluoranthene
Concen: 8.934 ng m
RT: 15.00 min Scan# 2196
Delta R.T. 0.01 min
Lab File: BF101906.D
Acq: 4 Jan 2018 22:09

Instrument :
BNA_F
ClientSampled :
B-1(10)

Tot Ion	Ratio	Resp	Lower	Upper
252	100	108997		
253	22.3		17.0	25.6
125	13.3		9.0	13.6

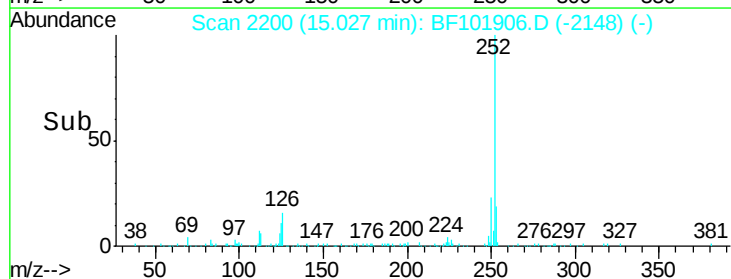
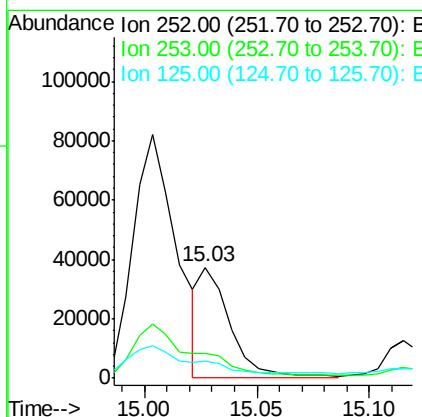
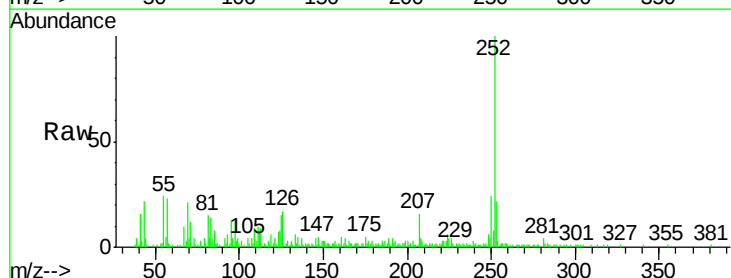
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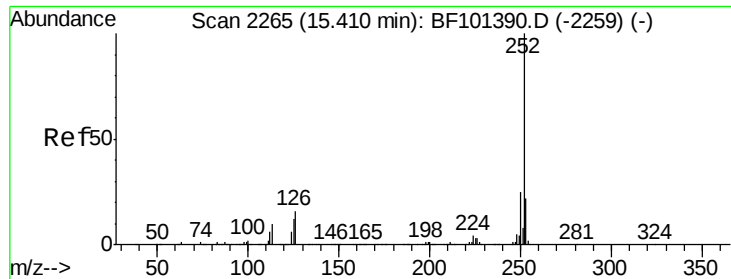
Sohil
1/5/2018 10:29:47 AM



#88
Benzo(k)fluoranthene
Concen: 2.884 ng m
RT: 15.03 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF101906.D
Acq: 4 Jan 2018 22:09

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	34207		
253	21.9		17.9	26.9
125	15.1		10.2	15.2





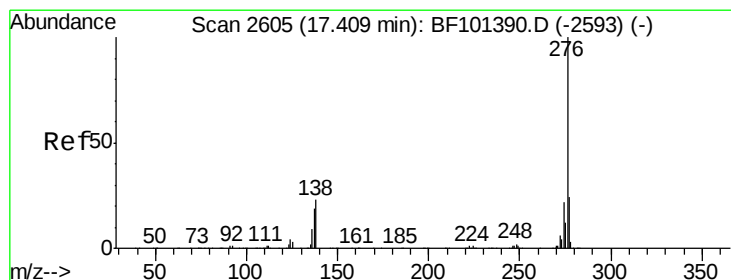
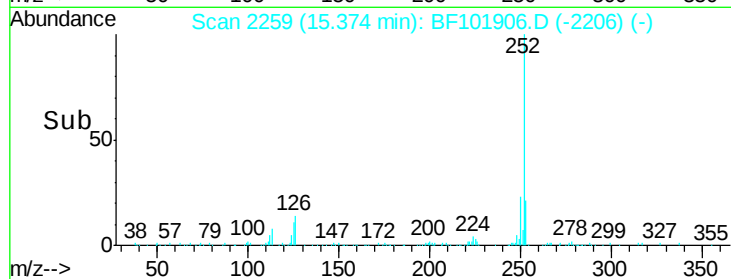
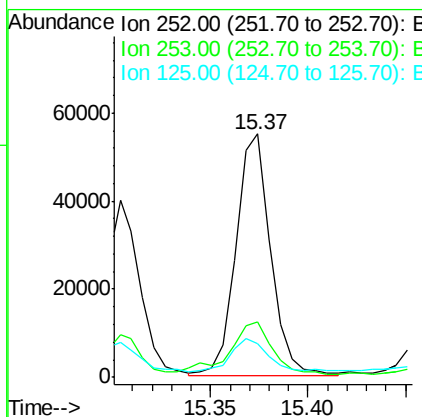
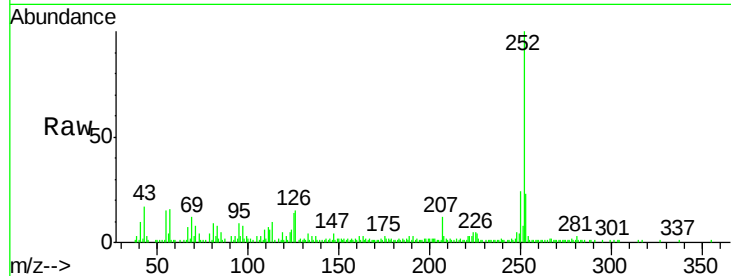
#89
Benzo(a)pyrene
Concen: 5.987 ng
RT: 15.37 min Scan# 2259
Delta R.T. 0.01 min
Lab File: BF101906.D
Acq: 4 Jan 2018 22:09

Instrument :
BNA_F
ClientSampled :
B-1(10)

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	14.0	9.8	14.6

Manual Integrations
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1/5/2018 10:29:47 AM



#91
Benzo(g,h,i)perylene
Concen: 3.557 ng
RT: 17.38 min Scan# 2600
Delta R.T. 0.04 min
Lab File: BF101906.D
Acq: 4 Jan 2018 22:09

Tgt Ion	Ratio	Lower	Upper
276	100		
277	29.3	17.9	26.9#
138	29.4	21.8	32.8

